

DV 6224 TD

DC diagonal compact fan

sickled blades (S series)



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Nominal data

Type	DV 6224 TD	
Nominal voltage	[VDC]	24
Nominal voltage range	[VDC]	16 .. 36
Speed	[min ⁻¹]	5500
Power input	[W]	91
Min. ambient temperature	[°C]	-20
Max. ambient temperature	[°C]	60
Air flow	[m ³ /h]	700
Sound power level	[B]	7.8
Sound pressure level	[dB(A)]	69

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

Technical features

Dimensions	172 Ø x 51 mm
General description	Diagonal fan with low noise when there is a high pressure saddle curve. Very smooth running 3-phase fan drive. Very rigid compression curve for high air flow at high counterpressure. Electronic commutation completely integrated.
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Direction of protection	Left, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Ball bearings
Lifetime L10 at 40 °C	65000 h
Mass	0.820 kg
Housing material	Aluminum. Housing with grounding lug for screw M4 x 8 (TORX).
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL

Charts: Air flow

